

ABSTRACT

The invention is a method and system for controlling emissions, such as malodorous emissions that form during asphalt paving. The method includes spraying an emission-causing substance (such as an asphalt substance) on a surface while moving over the surface, and releasing a liquid agent so that molecules of the liquid agent mix with molecules of the emission-causing substance. The liquid agent is pressurized to about 200-600 psia before being released, and therefore forms a mist. This mist mixes with the emission-causing substance either on the surface or in the air space above the surface. The system of the invention includes a first outlet for supplying an asphalt substance, wherein the outlet is attached to a vehicle, and a second outlet for releasing a liquid agent, wherein the second outlet is positioned to mix odor-controlling molecules with asphalt substance molecules.